Benign Tumor Radiosurgery

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Stereotactic radiosurgery is a widely used treatment in patients with benign intracranial tumors. Although radiosurgery for benign tumors was first performed almost four decades ago, only in the last 15 years have increasing numbers of institutions used this modality in one or more forms. In this issue of Neurosurgical Focus, authors report the use of radiosurgery for vestibular schwannomas, meningiomas, pituitary tumors, craniopharyngiomas, hemangioblastomas, astrocytomas, and selected spinal tumors. In these reports the authors summarize existing outcomes data and technical approaches, as well as provide new insight into clinical expectations for these tumor types. Importantly, the authors of two reports discuss the use of newer radiosurgical technologies and their impact.